

Comparisons of Job Characteristics

Focus Occupation: [Subway and Streetcar Operators \(53-4041\)](#)

Associated Occupation: [Locomotive Engineers \(53-4011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Subway and Streetcar Operators (53-4041)

Associated Occupation: Locomotive Engineers (53-4011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Transportation	4.6	13.9	15.8	> Current knowledge level is likely sufficient
Public Safety and Security	6.9	8.7	14.8	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Subway and Streetcar Operators (53-4041)

Associated Occupation: Locomotive Engineers (53-4011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	13.6	14.0	0 Current skill level may be sufficient
Operation Monitoring	6.6	13.3	13.3	0 Current skill level may be sufficient
Quality Control Analysis	5.9	8.3	6.1	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	7.1	6.4	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Subway and Streetcar Operators (53-4041)

Associated Occupation: Locomotive Engineers (53-4011)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Far Vision	7.8	14.7	11.6	<<	Extensive improvement in abilities may be required
Control Precision	6.6	14.4	13.4	0	Current ability level may be sufficient
Reaction Time	4.8	14.4	14.7	0	Current ability level may be sufficient
Response Orientation	4.0	13.6	12.5	0	Current ability level may be sufficient
Selective Attention	8.7	13.0	10.3	<	Some improvement in abilities may be required
Auditory Attention	5.9	12.6	11.2	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	12.5	12.7	0	Current ability level may be sufficient
Rate Control	3.8	11.5	10.6	0	Current ability level may be sufficient
Peripheral Vision	2.2	7.4	7.8	0	Current ability level may be sufficient
Night Vision	2.1	6.2	6.5	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Subway and Streetcar Operators (53-4041)
Associated Occupation: Locomotive Engineers (53-4011)

Work Activities	Exclusivity of Activity
Monitor variables affecting route activities	89
Operate locomotives, dinkey engines, or other rail vehicles	92
Perform safety inspections in transportation setting	62
Transport passengers or cargo	64
Understand technical operating, service or repair manuals	6
Use two-way radio or mobile phone	42

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Subway and Streetcar Operators (53-4041)
Associated Occupation: Locomotive Engineers (53-4011)

Tools and Technologies	Exclusivity
Braking systems and components	70
Locomotives and electric trolleys	90
Personal communication devices	2
Railroad support equipment and systems	70

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.